

IRRIGON HATCHERY ANNUAL STATUS REPORT

01 OCTOBER 1992 - 30 SEPTEMBER 1993

INTRODUCTION AND NARRATIVE

OPERATIONS:

Irrigon Steelhead Hatchery has been part of the Lower Snake River Compensation Program (LSRCP) since 1985. The annual production goal is the rearing of 1.68 million summer steelhead for release into the Grande Ronde and Imnaha River systems.

The 1992 brood year production was completed on May 29, 1993 with the release of 340,113 (2992) Imnaha and 1,351,878 (5992) Grande Ronde stock steelhead. All smolts released had an adipose fin removed. In addition, 100,000 Imnaha stock and 150,000 Grande Ronde stock were coded wire tagged and identified with a left ventral fin clip.

In April and May, 1993, the Hatchery received 482,550 (2993) Imnaha and 1,395,000 (5993) Grande Ronde eyed steelhead eggs to start the 1993 brood year. The resulting fingerlings, 411,378 Imnaha and 1,276,171 Grande Ronde, (1,687,549 total) were on hand September 30, 1993. Mortality since ponding has been 4.7%. Non LSRCP fish raised included 48,642 rainbow legals.

MAINTENANCE:

Maintenance work completed during this reporting period was: Annual repairs to pumps and impellers in Rainey well # 1. Replaced domestic well pump for houses and facility. Rebuilt freezer system in cold storage. Replaced heat pump in visitor center and shop area. Showers in all six residences were replaced. All equipment was repaired and maintained as needed.

CONSTRUCTION:

The cleanup contract was completed and included: New overflow parking lot, level warning lights in aeration tower, new block buildings at pump station #3 and #4, installation of pump and building at pump #5, graveled roads to outlets, connected alarms in all three new wells to the hatchery alarm system and remodel the building at the domestic well.

PERSONNEL:

Personnel changes during the year were: Mike Posey, Fish and Wildlife Tech-1, made a job swap with Ron Harrod, Fish and Wildlife Tech-1, at Lookingglass Hatchery which was effective August 1, 1993.

PRESENT PERSONNEL:

Ray Hill	Fish and Wildlife Manager-3
Jack Hurst	Fish and Wildlife Manager-3 (BPA funded at Umatilla)
Bob Gallup	Trades/Maintenance Coordinator
Wade Bergeson	Fish and Wildlife Tech-2
Ron Harrod	Fish and Wildlife Tech-1
Dave Sheldon	Fish and Wildlife Tech-1
Jim Grieve	Fish and Wildlife Tech-1
Ron Rehn	Fish and Wildlife Tech-1
Nanette Gallup	Office Specialist-1
Terry Blessing	Seasonal Fish and Wildlife Tech-1

TABLE 1.

STOCK SUMMER STEELHEAD Innaha R. & Tribs. Lot No. 2992

REARING

Eggs transferred in 4/10/92 to 5/26/92	506,400	Eyed from Wallowa
Shock loss	121,430	At Wallowa
Shock loss	4,297	At Irrigon
Fry loss (includes 6,900 destroyed)	46,439	At Irrigon
No. hatched	455,664	
Percent hatch (from eyed)	89.98	
No. ponded	455,664	
No. shipped out	240,443	To Wallowa Hatchery
Pounds shipped out	38,930	
No destroyed excess	73,120	
Pounds destroyed excess	914	
No. liberated	102,417	
Mortality	33,389	
Inventory adjustment	+6,295	
Pounds liberated	17,327	
Total pounds of food fed	70,332	
Total pounds gain	57,044	
Conversion	1.16	

LIBERATION:

<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Pounds</u>	<u>No. / lb.</u>
04/28/93	Sheep Cr., L	48,725	8,478	5.75
04/29/93	Innaha R.	<u>53,692</u>	<u>8,849</u>	6.05
Total		102,417	17,327	

Total distribution trips 6

STOCK SUMMER STEELHEAD Wallowa R. Lot No. 5692

REARING

Eggs transferred in 5-01-91 to 5-31-91	1,920,900	From Wallowa
Shock loss	385,888	At Wallowa
Shock loss	23,687	At Irrigon
Fry loss	59,821	
No. ponded	1,837,392	
Percent hatch from eyed	95.65	
No. shipped out	1,047,650	To Wallowa ACC. Big Canyon ACC
Pounds shipped out	188,094	
No. liberated	314,248	
No. destroyed excess	313,472	
Pounds destroyed excess	5,056	
Mortality	129,087	
Inventory adjustment	(-32,935)	
Pounds liberated	60,998	
Total pounds of food fed	298,783	
Total pounds gain	253,592	
Conversion	1.18	

LIBERATION:

<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Pounds</u>	<u>No. / lb.</u>
04/12/93	Grande Ronde R-2	44,873	8,799	5.10
04/13/93	Grande Ronde R-2	70,607	14,385	
04/14/93	Grande Ronde R-2	73,636	14,206	
04/15/93	Catherine Cr.	24,995	4,385	5.66
04/15/93	Grande Ronde R-2	10,995	2,036	
04/16/93	Catherine Cr.	37,568	6,662	
04/23/93	Deer Creek	<u>51,574</u>	<u>10,525</u>	4.90
Total		314,248	60,998	

Total distribution trips 22

STOCK SUMMER STEELHEAD Imnaha R. & Tribs. Lot No. 2993

REARING

Eggs transferred in 04/30/93 to 06/09/93	482,550	Eyed from Wallowa
Shock loss	124,522	At Wallowa
Fry loss	12,711	At Irrigon
Destroyed	330,000	Program excess
No. hatched	436,839	
Percent hatch (from eyed)	97.17	
No. fingerling on hand	411,378	
Percent mortality to date	3.88	
Total pounds of food fed	6,453	
Total pounds gain for all fish on hand	5,817	
Conversion rate for all fish on hand	1.11	

STOCK SUMMER STEELHEAD Wallowa R. Lot No. 5693

REARING

Eggs transferred in eyed 05/26/93 to 06/02/93	1,395,000	From Wallowa
Shock loss	591,846	At Wallowa
Fry loss	61,898	
No. hatched	1,333,102	
Percent hatch	95.56	
No. ponded	1,333,102	
No. fingerling on hand	1,276,171	
Mortality	57,371	
Inventory adjustment	+440	
Total pounds of food fed	22,410	
Total pounds gain	22,978	
Conversion	.098	

SPRING CHINOOK Imnaha R. & Tributaries. Lot No. 2993

REARING

Eggs transferred in eyed 08/27/93 to 09/10/93	427,311	From Lookingglass
Eyed Loss	10,961	
Transferred out	416,350	To Lookingglass

SPRING CHINOOK IDAHO Lot No. 8593
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REARING:

Eggs transferred in 08/24/93 to 09/10/93	643,412	From Lookingglass Hatchery
Shock loss	26,400	
Destroyed	273,012	Program excess
Transferred out 11/12/93	344,000	To Lookingglass Hatchery

<p align="center">STOCK RAINBOW TROUT¹ CAPECOD Lot No. 7291</p>

REARING:

Fish transferred in	47,953	Wizard Falls and Fall River
Pounds transferred in	12,742	
No. released	48,642	
Total mortality	389	
Percent mortality	0.78	
End season adjustment	(-1078)	
Total pounds of food fed	4,650	
Total pounds of gain	3,839	
Conversion	1.21	

¹ Funding for the production and distribution of these fish is from State Wildlife Fund and General Fund.

LIBERATION:

<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Pounds</u>	<u>No. / lb.</u>
Total released_				
05/21/93 to 08/05/93		48,642	16,575	2.93
Total distribution trips	35			

